

# Work Order ID 84290

May-09-12 10:05:28 AM

**\*84290\***

Page 1

Item ID: D4022-3 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Fuel Pump Mounting Bracket  
 Start Date: 09/05/2012 Start Qty: 10.00 **\*10\*** Cust Item ID:  
 Required Date: 23/05/2012 Req'd Qty: 10.00 **\*10\*** Customer:  
 Reference:

Approvals: Process Plan: MLJ Date: 12/05/09 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D4022	C

100 0.00

**\*100\***

Purchasing

Purchasing

Memo

Issue P/O: 16937  
 Purchase part as per Dwg D4022  
 Part #: TC 250-100  
 Possible Supplier: Weldon  
 Material release note required

0.00

CL 12/05/09 (10)

110 Receive & Inspect for Damage & Mat'l Certs 0.00

**\*110\***

Packaging

Packaging

Memo

0.00

10x W SP  
12-5-14

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



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**NOTE:** Date & initial all entries

# Picklist Print

May-09-12 10:05:32 AM

Page 1

Work Order ID: 84290

**\*84290\***

Parent Item: D4022-3

**\*D4022-3\***

Parent Item Name: Fuel Pump Mounting Bracket

Start Date: 09/05/2012

Required Date: 23/05/2012

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP rev A 09.12.23 new Issue Prelim EC verified by: DD IPP Rev:B  
10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
TC 250-100		Purchased	No			110	Each	0.0000	1	10			
<b>*TC 250-100*</b>									<b>**</b>				
Fuel Pump													

*10x Sp 12-5-14*

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

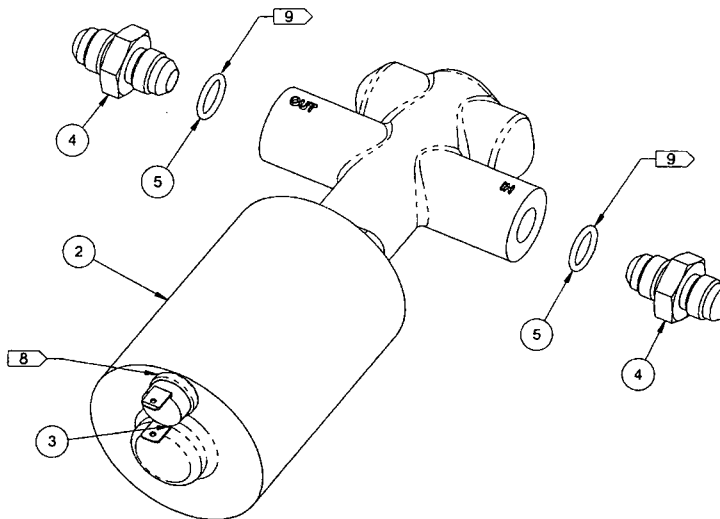
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**NOTE:** Date & initial all entries

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4022-041	FUEL TRANSFER PUMP ASSEMBLY	A8150-B1-JCA
2	1	D4022-1	FUEL TRANSFER PUMP	
3	1	D4022-5	THERMAL SWITCH	
4	2	AN815-6D	FITTING, UNION	
5	2	MS29512-06	O RING	



**D4022-041 FUEL TRANSFER PUMP ASSEMBLY**

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 84290 MLJ  
12/05/09

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 2.61 lbs
- 8) ATTACH D4022-5 THERMAL SWITCH TO D4022-1 FUEL PUMP IN LOCATION SHOWN USING METALSET A4
- 9) LUBRICATE O-RING WITH ULTRACHEM ASSEMBLY FLUID #1, FUEL-LUBE, MOLYKOTE 55 O-RING GREASE OR EQUIVALENT

C	CORRECTED TYPO: AN815-6D WAS AN818-6D, ZN D7-1. CORRECTED SPELLING OF "AEROSPARES", ZN B5-3.	DC	12.02.09
B	CORRECTED SPELLING OF "AEROSPARES". REF CAR 11-50.	DC	11.09.28
A	NEW ISSUE	HS	10.04.16
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.02.09		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4022** REV. C  
SHEET 1 OF 4  
TITLE **FUEL PUMP** SCALE NTS

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**NOTE:** Date & initial all entries

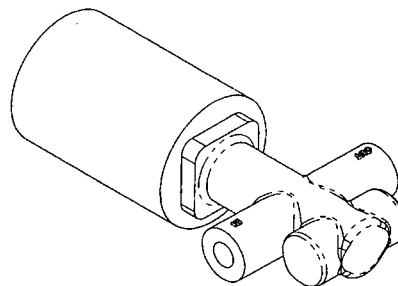


DART AEROSPACE  
PART NUMBER  
D4022-1

JOHN CAMERON AVIATION  
PART NUMBER  
REF JCA/M47/D3/SHT 13

## SPECIFICATION CONTROL DRAWING

84290



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	OPERATING VOLTAGE	FLOW (GPH)	OUTPUT PRESSURE (PSI)	TEMPERATURE RANGE
D4022-1	WELDON	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F
	AEROSPARES ACCESSORIES	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F

### D4022-X FUEL TRANSFER PUMP

RELEASED  
2012-03-02  
JMP

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 2.6 lbs

DESIGN	<i>JS</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>JS</i>		
CHECKED	<i>JS</i>	DRAWING NO. <b>D4022</b>	REV. C
MFG. APPR.		SHEET 2 OF 4	
APPROVED	<i>JS</i>	TITLE	SCALE
DE APPR.	<i>JS</i>	<b>FUEL PUMP</b>	NTS
DATE	<b>12.02.09</b>	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

**Dart Aerospace Ltd**

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DART AEROSPACE  
PART NUMBER

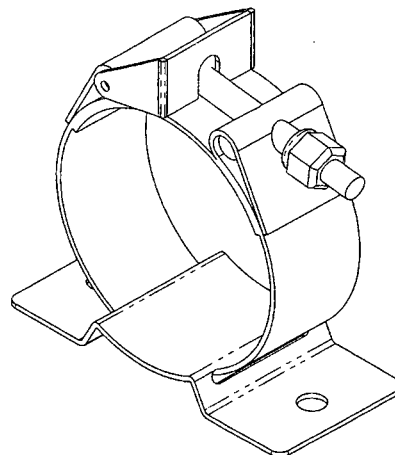
D4022-3

JOHN CAMERON AVIATION  
PART NUMBER

REF JCA/M47/D3/SHT 13

# SPECIFICATION CONTROL DRAWING

84290



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE ( $\phi$ )
D4022-3	WELDON	TC 250-100	STAINLESS STEEL	2.5
	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5
	AEROSPARES ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5

△C

## D4022-X FUEL PUMP MOUNTING BRACKET

2012-03-02

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	BC		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D4022	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		FUEL PUMP	NTS
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DART AEROSPACE  
PART NUMBER

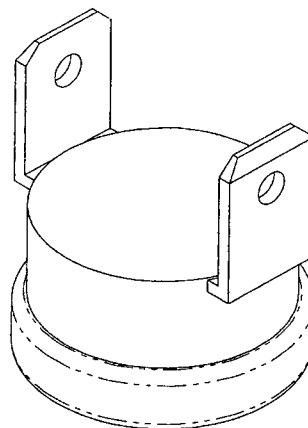
D4022-5

JOHN CAMERON AVIATION  
PART NUMBER

REF JCA/M47/D3/SHT 13

# SPECIFICATION CONTROL DRAWING

842'90



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	ALTERNATE PART NUMBER	TEMPERATURE WHEN SWITCH OPENS
D4022-5	FARNELL	1006847	3775628	125°F
	HONEST-WELL	T23A125BSR2-15	3775628	125°F
	NEWARK	98K1992	3775628	125°F

## D4022-X THERMAL SWITCH

2012-03-02  
ANY

### NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) FINISH: N/A

DESIGN	JS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JS		
CHECKED	JS	DRAWING NO.	REV. C
MFG. APPR.		D4022	SHEET 4 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	A	FUEL PUMP	NTS
DATE	12.02.09	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR DISSEMINATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

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## AEROSPARES ACCESSORIES INC.

20544 CON #9 ,R.R. #2  
ALEXANDRIA, ONT. K0C-1A0  
TEL 613-525-0924 FAX 613-525-0925

**Invoice**

DATE	INVOICE NO.
5/11/2012	22130

<b>BILL TO</b>
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ON K6A-1K7

<b>SHIP TO</b>
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ON K6A-1K7

P.O. NO.	TERMS	REP	SHIP DATE	SHIP VIA	FOB
16937	Net 30	USD	5/11/2012	FEDEX COLL...	ALEXANDRIA

ITEM	DESCRIPTION	Btch.	S/N	QTY	RATE	AMOUNT
TC250-100	CLAMP ( 2.50 DIA ) new	2921	n/a	10	36.40	364.00T
F/C	weldon pump SHIPPING & HANDLING FEDEX COLLECT  Business Number: 881274476	W.B86992597 4477			0.00	0.00

The parts supplied hereon were  
acquired directly from the O.E.M.,  
or an approved supplier/repair  
station which maintains a quality  
assurance system providing full  
traceability to source of supply.

Signature 

47.32

0.00

Thank you for your business.

**TOTAL**

\$411.32

Cores must be rebuildable and should be returned within  
15 days for full credit .Thank you.

SP 12-5-14





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO16937

Purchase Order Date 5/09/12

PO Print Date 5/09/12

Page Number 1 of 1

Order From :

VU-AER004

AEROSPARES ACCESSORIES INC  
20544 CONCESSION # 9,  
RR #2  
ALEXANDRIA, ON K0C 1A0  
CANADA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

800 355 2157

613 525 0925

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

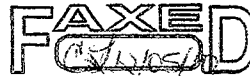
USD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA



Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	TC 250-100	Fuel Pump	5/15/12 Yes	10.00 Each	FedEx Overnigh	\$36.4000	\$364.00

Special Inst: AS PER DWG D4022 REV. C  
B84290

PO Total:

\$364.00

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

80 12-514

Change Nbr: 1

Change Date: 5/09/12

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable